

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: To Be Assigned Art Unit: To Be Assigned  
Re: Application of: Thomas BEISSWENGER et al.  
Serial No.: To Be Assigned  
Filed: Herewith  
For: **MEMBRANE MODULE FOR HYDROGEN SEPARATION**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop PATENT APPLICATION

July 3, 2003

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the documents listed on the accompanying PTO-1449 Form (1 page) for consideration by the Examiner in connection with the examination of the above-identified patent application. While the references are being submitted herewith, some or all of the references may not constitute prior art under the U.S. patent laws.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97 (b), before the mailing date of a First Office Action. Therefore, no fee is believed due.

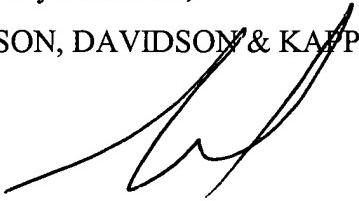
In the event any additional fee is due in connection with this response or if any fee has been overpaid, the deficiency or overpayment should be charged to our Deposit Account No. 50-0552.

It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By: \_\_\_\_\_

  
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| FORM PTO-1449<br>(REV. 7-80)   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |   |   |   |   |   | ATTY. DOCKET NO.: 510.1073       |             | SERIAL NO.: To Be Assigned |           |                            |    |
|--|----|--|---|---|---|---|---|----------------------------------|-------------|----------------------------|-----------|----------------------------|----|
| <b>LIST OF PRIOR ART CITED BY APPLICANT</b><br><br>(Use several sheets if necessary)   |    |  |   |   |   |   |   | APPLICANT(S): BEISSWENGER et al. |             |                            |           |                            |    |
|  |    |  |   |   |   |   |   | FILING DATE: Herewith            |             | GROUP: To Be Assigned      |           |                            |    |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
| *EXAMINER INITIAL  |    | DOCUMENT NUMBER  |   |   |   |   |   | DATE                             | NAME        | CLASS                      | SUB-CLASS | FILING DATE IF APPROPRIATE |    |
|  | AA | 5  | 4 | 9 | 8 | 2 | 7 | 8                                | Mar. 12, 96 | Edlund                     | 96        | 11                         |    |
|  | AB | 5  | 6 | 4 | 5 | 6 | 2 | 6                                | Jul. 8, 97  | Edlund et al.              | 95        | 56                         |    |
|  | AC |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AD |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AE |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AF |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AG |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AH |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AI |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  |    | DOCUMENT NUMBER  |   |   |   |   |   | DATE                             | COUNTRY     | CLASS                      | SUB-CLASS | TRANSLATION                |    |
|  |    |  |   |   |   |   |   |                                  |             |                            |           | YES                        | NO |
|  | AJ | 0  | 1 | 7 | 0 | 3 | 7 | 6                                | Sep. 27, 01 | WO - Wipo                  |           |                            |    |
|  | AK |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AJ |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AK |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AL |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AM |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AN |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AO |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AP |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
| <b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AR |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AS |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
|  | AT |  |   |   |   |   |   |                                  |             |                            |           |                            |    |
| EXAMINER   |    |  |   |   |   |   |   | DATE CONSIDERED                  |             |                            |           |                            |    |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |    |  |   |   |   |   |   |                                  |             |                            |           |                            |    |